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DDD DDD	EEE	BBB BBB	บับบั บับบั	GGG GGGGGGG
DDD DDD	EEE	BBB BBB	UUU UUU	GGG GGGGGGG
DDD DDD	EEE	888 888	uuu uuu	ggg ggg
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RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	\$		\$	\$	
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-- Reset System Service Vector RESETSSY Table of contents (1) (2) **\$\$**

DECLARATIONS RESET_SSV

15-SEP-1984 23:39:54 VAX/VMS Macro V04-00

Page 0

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15-SEP-1984 23:39:54 VAX/VMS Macro V04-00 
5-SEP-1984 00:05:59 [DEBUG.SRC]RESETSSI.MAR;1
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Page 1 (1)

.TITLE RESETSSV -- Reset System Service Vector .IDENT 'V04-000'

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Facility: VAX/VMS System Service Monitor

Abstract:

This routine puts the systemm service vector back in shape and deletes the PO space. (This routine is called when SYS\$RUNDWN is encountered and System service vector has been modified.)

Environment: VAX/VMS

40 :--

Author: D.W. Thiel, Creation Date: 30-Dec-1981

Modified By:

P. Sager, 20-Sep-1983

.SBTTL DECLARATIONS

.ENABLE SUPPRESSION

.EXTERNAL INTERCEPT, RANGE, SSV_MUNGED_FLAG

Page

(1)

		R RESE	eset Syste T_SSV	m Service Vector	F 1 15-SEP-1984 23:39:54 VAX/VMS Macro VO4-00 Page 4 5-SEP-1984 00:05:59 [DEBUG.SRC]RESETSSI.MAR;1 (3)
		0010	0000 8	6 .ENTRY	reset_ssv,^m <r4></r4>
51	00000000 EF	DO	0002 8	8 MOVL	INTERCEPT,R1 : Pointer to PO saved copy
			0009 9 0009 9 0009 9 0009 9	0 ; If this modu 1 ; image then \$ 2 ; for in user (ule is part of the installed privileged shareable GCHMKRL is not needed in here to copy the vector back. defined system service vector already has CHMK which grands the privilege.
			0009 9 0009 9 0009 9 0009 9 0009 10	<pre>5 ; In testing s 6 ; mode, strip (7 ; system service) 8 ; so that we s 9 ; After testing 0 : the whole im-</pre>	stage, it is easier if we reduce the amount of code in kernel off the interface module (SSIDISP.MAR which defines the user ice in KERNEL mode), call the essential routines via \$CHMKRL, still could test the remaining code in lesser mode environment. In the still could test the remaining code in lesser mode environment. In the proper mode environment.
			0009 10 0009 10 0009 10 0009 10 0009 10 0009 10 0009 10	3 ; except this (4 ; the comment 5 ; to save the (6 ; need to set (7 ; -Ping	ooff all the other \$CHMKRL in the other parts of this image one. For this one has a different call interface, see below, otherwise it would not work. So I kept it here need of finding out how to call \$CHMKRL in here if there is a up a test environment, since it does not hurt to keep it.
	00 14 'A F	DD 9f	0009 10 000B 11	9 PUSHL 0 PUSHAB	
	0000.01	FB	000E 11 000E 11 0010 11 0013 11	2 CALLS 3	; Mode #2,- ; Call \$CHMKRL through saved vector in W^ <sys\$cmkrnl-sys\$qiow>(R1); PO (must be this way, for the ; state is going to change after RET)</sys\$cmkrnl-sys\$qiow>
		04	0013 11 0014 11	5 RET	; Now, everything is back to normal
51	00000000°EF 3C 61 0A00 8F 00000000°9F	0000 D0 BB	0014 11 0014 11 0016 11 001D 12 001F 12 0025 12 002A 12	7 COPY_SAVED_SSV 8 .WORD 9 MOVL 0 PUSHR 1 DSBINT	^M<> INTERCEPT,R1 ; Pointer to PO saved copy #^M <r2,r3,r4,r5> ; save volatile registers #IPL\$_ASTDEL ; disable AST's #SGN\$C_SYSVECPGS*512, - ; length of transfer vector</r2,r3,r4,r5>
	0000000°EF	D4	002F 12 002F 12 0035 12	4 5 (LRL 6	a#SYSSQIOW : Put system service vector back SSV_MUNGED_FLAG : Clear flag which says whether : the system service vector has
	50 01	BA DO 04	0035 12 0035 12 0038 12 003A 13 003D 13 003E 13	7 8 ENBINT 9 POPR 0 MOVL 1 RET 2 3 .END	; been modified by us ; restore IPL #^M <r2,r3,r4,r5> ; restore volatile registers #1,R0</r2,r3,r4,r5>

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112 GETS were required to define 7 macros.

TOTALS (all libraries)

There were no errors, warnings or information messages.

H

RESETSSV VAX-11 Macro Run Statistics

-- Reset System Service Vector

15-SEP-1984 23:39:54 VAX/VMS Macro V04-00 [DEBUG.SRC]RESETSSI.MAR;1

Page 6 (3)

MACRO/LIS=LIS\$:RESETSSI/OBJ=OBJ\$:RESETSSI MSRC\$:RESETSSI/UPDATE=(ENH\$:RESETSSI)+EXECML\$/LIB

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